

500	<b>PRESENTATION PROCESSING OF DOCUMENT</b>	702	.Tactile based interaction
500.1	.Synchronization of diverse media	703	.Cultural based (including language, time, monetary units displayed)
501.1	.Hypermedia	704	.Playback of recorded user events (e.g., script or macro playback)
502	.Drawing	705	.Help presentation
503	.Spreadsheet	706	.Virtual character or avatar (e.g., animated person)
504	..Cell format control	707	.Adaptive to user skill level
505	.Form	708	.Context sensitive
506	..Form creation	709	..Coaching (e.g., animated examples, or handholding or show me execution)
507	..Form filling	710	..Input alert
508	...Fitting data into field on form	711	..Tool tip (e.g., cursor position based)
509	.Table	712	...Topic roadmap or index
510	..Ruled lines	713	....Hierarchical
511	.Version management	714	..Combining diverse help information (e.g., different sources)
512	.Annotation control	715	..Balloon or bubble appearance
513	.Structured document (e.g., HTML, SGML, ODA, CDA)	716	.On screen video or audio system interface
514	.Hierarchical control	717	..Multiple diverse systems
515	..Compound document	718	..Mode switching interface (e.g., switching between TV and computer)
516	...Matching application process to displayed data type	719	..Video interface
517	.Layout	720	...Video traversal control
518	..Spacing control	721	...Indexed control
519	...Horizontal spacing	722	...Video parameter control
520	..Area designation	723	..For video segment editing or sequencing
521	..Boundary processing	724	...Cut and paste operation
522	..Format information in separate file	725	...Trimming
523	..Format transformation	726	...Effects or transitions interface
524	..Detecting format code change	727	.Audio user interface
525	..Pagination	728	..Audio input for on-screen manipulation (e.g., voice controlled GUI)
526	.Display processing	729	..For a visually challenged user
527	..Print preview	730	.Presentation to audience interface (e.g., slide show)
528	..Color attribute	731	..Authoring tool
529	..Text attribute	732	..Slide manipulating or editing
530	.Edit, composition, or storage control	733	.For plural users or sites (e.g., network)
531	..Text		
532	...Dictionary		
533	...Spell Check		
534	...Input of abbreviated word form		
535	...Ideographic generator		
536	...Multilingual		
537	...Footnoting		
538	...Equation or formula processing		
539	..Block control		
540	..Replacement of element		
541	..Handwritten textual input		
542	.Font selection		
700	<b>OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)</b>		
701	.Force feedback interaction		

734	..Interactive network representation of devices (e.g., topology of workstations)	764 765 766	.On-screen workspace or object .Customizing multiple diverse workspace objects .Z order of multiple diverse workspace objects
735	...Configuration	767	..Focus control of multiple diverse workspace objects
736	...Network managing or monitoring status	767	..Translucency or transparency interface element (e.g., invisible control)
737	...User navigation between devices	768	..Data transfer operation between objects (e.g., drag and drop)
738	..Network resource browsing or navigating	769	...Cut and paste
739	...Selecting from a resource list (e.g., address book)	770	..Instrumentation and component modeling (e.g., interactive control panel, virtual device)
740	..Remote operation of computing device	771	...Progress or activity indicator
741	..Access control or permission	772	...Virtual input device (e.g., virtual keyboard)
742	...Interactive portal (e.g., secure point of access)	773	..Ticker metaphor
743	...Access rights to interactive controls	774	..Office layout metaphor (e.g., filing cabinet, desk)
744	..Interface customization or adaption (e.g., client server)	775	..Indexed book or notebook metaphor
745	...Based on stored usage or user profile (e.g., frequency of use, cookies)	776	..Tab metaphor (e.g., property sheet)
746	...Interface conversion	777	..Multiple virtual screen or desktop switching
747	...End user based (e.g., preference setting)	778	..Task bar or desktop control panel
748	.User interactive multicomputer data transfer (e.g., file transfer)	779	..Entry field (e.g., text entry field)
749	..Downloading remote executables (e.g., Java, CGI)	780	..Window or viewpoint
750	.Multiple users on a single workstation	782	...3D Perspective view of window layout
751	.Computer supported collaborative work between plural users	783	...On-screen window list or index
752	..Interactive email	784	...Window scrolling
753	..Computer conferencing	785	....Autoscroll
754	...Multicursor (e.g., multiple on-screen pointers)	786	....Scroll tool (e.g., scroll bar)
755	...Floor control	787	.....With content attributes on scroll tool
756	...Real Time Video	788	....Layout modification (e.g., move or resize)
757	...Virtual 3D environment	789	....Based on usage or user profile (e.g., frequency of use)
758	...Chat room	790	....Overlap control
759	..Group window	791	.....Always on top
760	.Mark up language interface (e.g., HTML)	792	.....Tiling or split pane
761	.Plural adjacent interactive display devices	793	.....Cascading
762	.User interface development (e.g., GUI builder)	794	.....Priority or overlap change (e.g., z-order)
763	..Graphical or iconic based (e.g., visual program)		

795	.....Minimizing or send to bottom	828	...Partial menu display (e.g., one menu item at a time)
796	.....Bring to top	829	....Advancing to next menu item in the same menu
797	.....Viewing lower priority windows (e.g., overlapped windows)	830	.....Scrolling (e.g., spin dial)
798	....Combining moving and resizing operation (e.g., moving causes resizing)	832	....With specific input device
799	....Moving (e.g., translating)	833	....Analog selection style
800	....Resizing (e.g., scaling)	834	....Slider control
801	.....Contained object scale change	835	....Radial based (e.g., radial or pie menu)
802	...Focus control	836	...Selectable iconic array
803	...Window differentiation	837	....3D icons
804	...Interwindow link or communication	838	....Compound or aggregate icon
805	....On-screen link or communication (e.g., cue)	839	....Thumbnail or scaled image
806	...Window memory structure	840	....Imitating real life object
807	....Stored priority attribute	841	...Using button array
808	..Pop-up control	842	...Sub-menu structure
809	..Dialog box	843	....Tear off
810	.Menu or selectable iconic array (e.g., palette)	844	....Pull down
811	...Based on usage or user profile (e.g., frequency of use)	845	...Timed
812	....Preselection (e.g., best guess before mouse click)	846	...Multiple selections in a single menu
813	....Default selection item	847	..Non-array icons
814	...Limited time selection opportunity	848	...Shortcut
815	...Sizing modification (e.g., scaling)	849	..Interface represented by 3D space
816	...Partial input lookup (e.g., partial string lookup)	850	....Individual object
817	...Context location indication (e.g., previous or next menu item indication)	851	...Navigation within 3D space
818	....Simultaneous next and previous indication (e.g., menu road map)	852	....On-screen navigation control
819	....Next menu indication	853	...Picking 3D objects
820	....Previous menu indication	854	..Hierarchy or network structure
821	...Emphasis	855	...Navigation within structure
822	....Preselection emphasis	856	....On-screen roadmap or index
823	....Selection or confirmation emphasis	857	..Cursor
824	....Unavailable emphasis	858	...Pointer direction adjustment
825	...Dynamically generated menu items	859	...Automatic position adjustment
826	...Add on item (e.g., software developed, customized)	860	...Status indicator
827	...Mnemonic (e.g., accelerator key)	861	....Selection emphasis
		862	....Dynamically changed appearance (e.g., animated or live action)
		863	...Proximity detection
		864	.Gesture-based
			.For a small display screen (e.g., personal digital assistant, palm-top)
		865	.Miscellaneous interface for the handicapped or disable user
		866	.Miscellaneous customization or adaptation
		867	<b>SCREEN SAVER DISPLAY</b>

CROSS-REFERENCE ART COLLECTIONS

900      **DOCUMENT STRUCTURAL ELEMENT**  
 901      .Active document  
 902      .Multilayer document  
 903      .3-D spreadsheet  
 904      .Details of spreadsheet data records  
 905      .Spreadsheet cell protection  
 906      .Creating one form from another  
 907      .Hierarchical document control with varying levels of detail  
 908      .Document format layout template  
 909      .Document page collating  
 910      .Document presenting plural pages on a single sheet  
 911      .Document page description processing  
 961      **OPERATOR INTERFACE WITH VISUAL STRUCTURE OR FUNCTION DICTATED BY INTENDED USE**  
 962      .Operator interface for marketing or sales  
 963      .Calendar or scheduling  
 964      .CAD or CAM (e.g., interactive design tools)  
 965      .For process control and configuration  
 966      ..Computer process (e.g., operation of computer)  
 967      ...Visual or iconic programming  
 968      ...Interface for database querying and retrieval  
 969      ..Network layout and operation interface  
 970      ..Instrumentation and component modelling (e.g., interactive control panel)  
 970.1     .Amusement or marital aid interface  
 971      **COOPERATIVE DECISION SUPPORT SYSTEMS FOR GROUP OF USERS**  
 972      **INSERTED REAL-TIME VIDEO IN OPERATOR INTERFACE**  
 973      **SCROLL TOOL (E.G., WINDOW SCROLL BAR)**  
 974      **SLIDER CONTROL AS ON-SCREEN OBJECT IN OPERATOR INTERFACE**  
 975      **POP-UP DIALOG BOX FOR ENTRY**  
 976      **3-D ICON**  
 977      **DYNAMIC ICON (E.G., ANIMATED OR LIVE ACTION)**  
 978      **AUDIO INTERACTION AS PART OF AN OPERATOR INTERFACE**

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**  
 FOR 176 **OPERATOR INTERFACE (345/326)**  
 FOR 177 .Interaction in a television environment (345/327)  
 FOR 178 ..For video segment editing or sequencing (345/328)  
 FOR 179 .For plural users or sites (345/329)  
 FOR 180 ..Computer conferencing (345/330)  
 FOR 181 ..Computer supported cooperative work (345/331)  
 FOR 182 ...Group window (345/332)  
 FOR 183 .Interface customization or edition (345/333)  
 FOR 184 ..Graphical appearance (345/334)  
 FOR 185 ..Link between object and task or function (e.g., client/server) (345/335)  
 FOR 186 .Having on-line help (345/336)  
 FOR 187 ..Adaptive to user skill level (345/337)  
 FOR 188 ..Context sensitive (345/338)  
 FOR 189 .On-screen workspace or object (345/339)  
 FOR 190 ..Window (345/340)  
 FOR 191 ...Window scrolled to needed portion (345/341)  
 FOR 192 ...Layout modification (e.g., move or resize) (345/342)  
 FOR 193 ...Window differentiation (345/343)  
 FOR 194 ....Priority (345/344)  
 FOR 195 .....Viewing lower priority window (345/345)  
 FOR 196 ...Interwindow link or communication (345/346)  
 FOR 197 ..Pop-up control (e.g., message or dialog box) (345/347)  
 FOR 198 ..Icon (345/348)  
 FOR 199 ...Metaphoric icon object (345/349)  
 FOR 200 ....Indexed book or notebook (345/350)  
 FOR 201 ....Office layout (e.g., filing cabinet, desk) (345/351)  
 FOR 202 ..Menu (345/352)  
 FOR 203 ...Sub-menu structure (345/353)  
 FOR 204 ...Using button array (345/354)

FOR 205 ..Interface represented by 3D  
space (345/355)  
FOR 206 ..Hierarchy or network structure  
(345/356)  
FOR 207 ...Navigation within structure  
(345/357)  
FOR 208 .Gestured-based (345/358)